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TECHNICAL REPORT GL-88-5

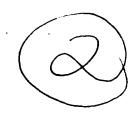
GEOLOGICAL INVESTIGATION OF THE PEARL RIVER BASII

by J. B. Dunbar

DEPARTMENT OF THE ARMY

Waterways Experiment Station, Corps of Eng PO Pox 631 Vicksburg, Mississippi 39180-0631





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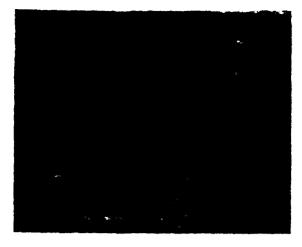
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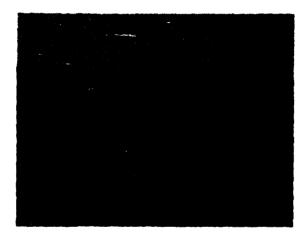
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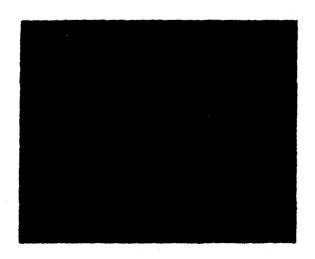
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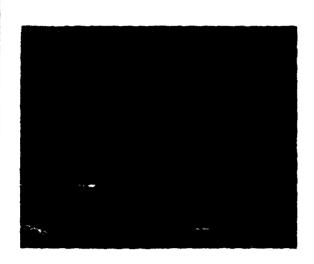




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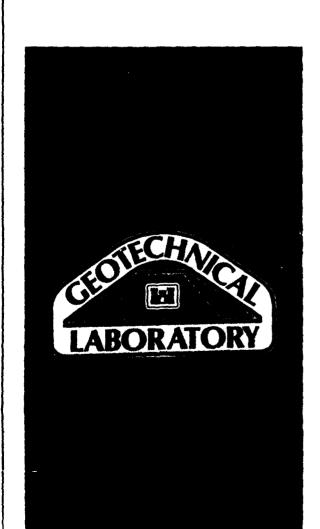
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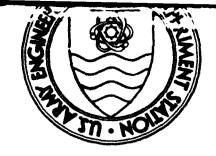
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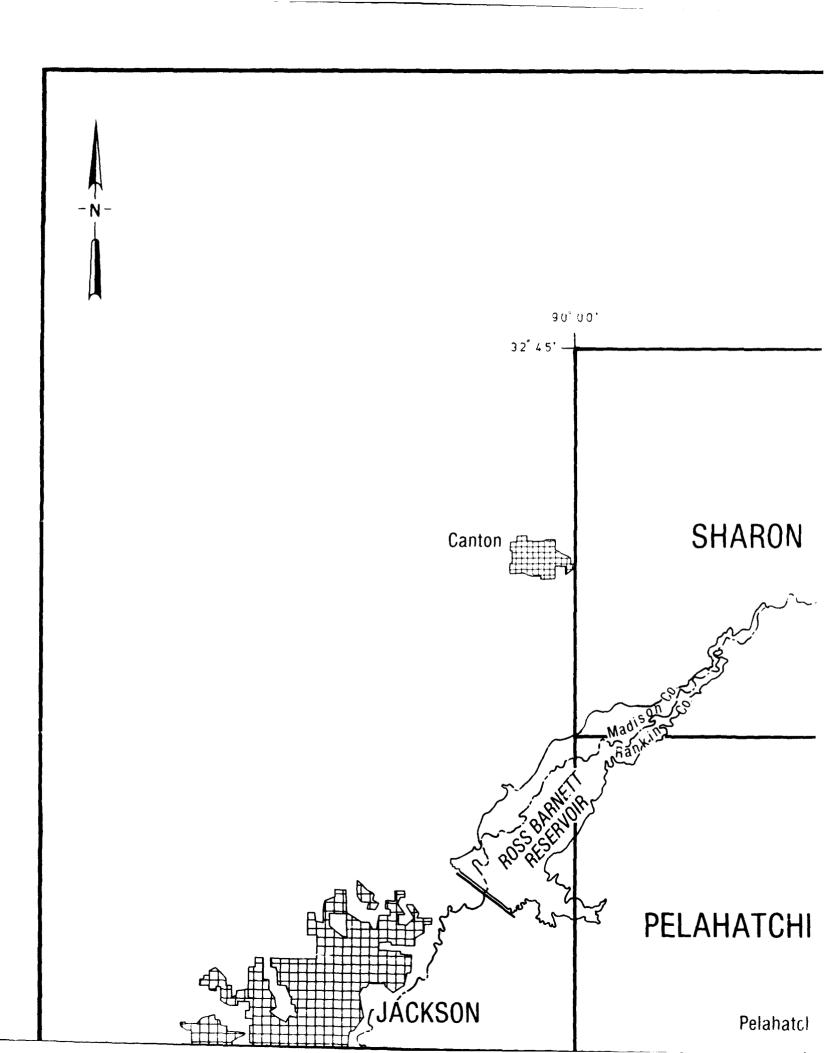
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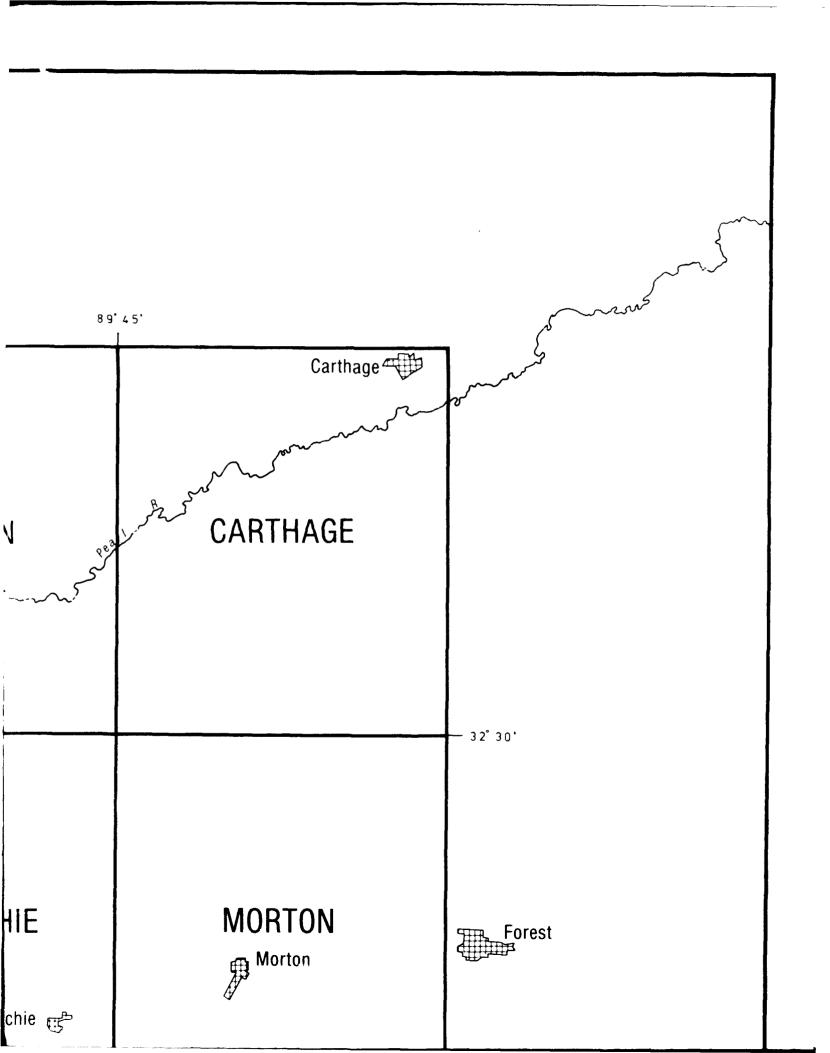
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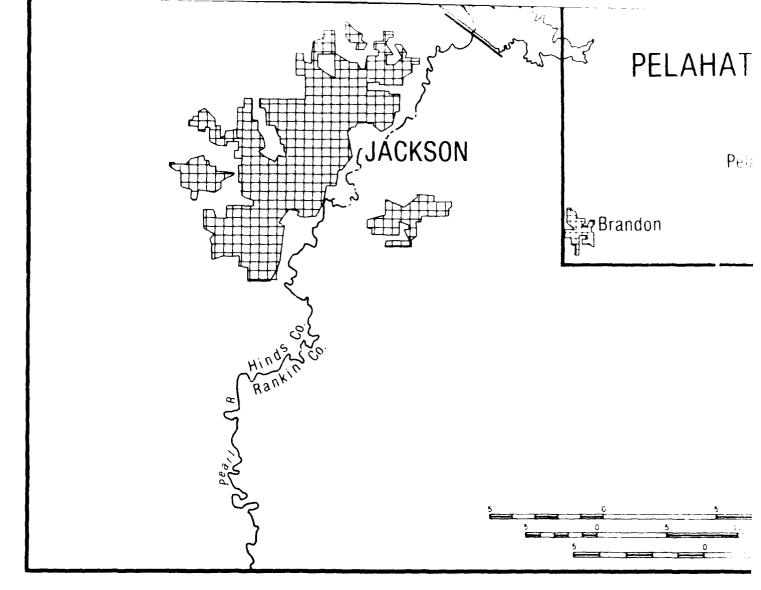
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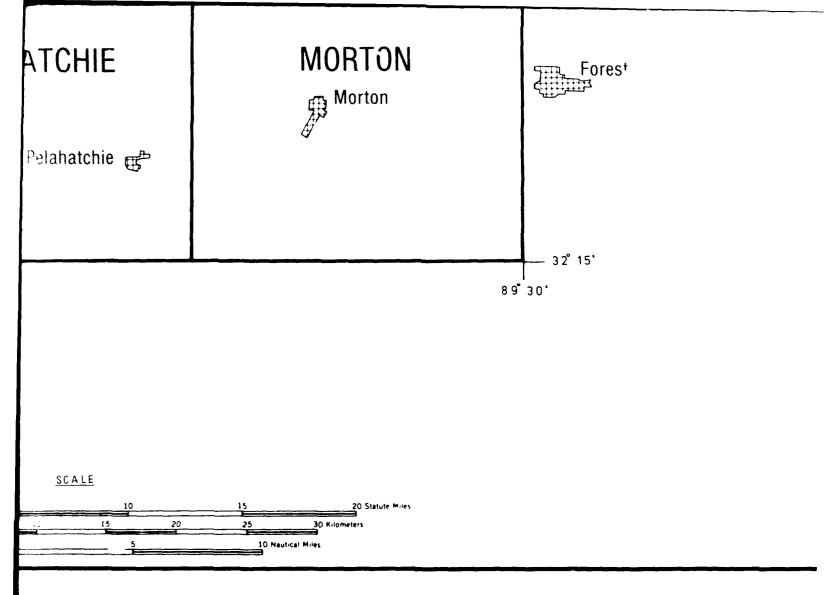
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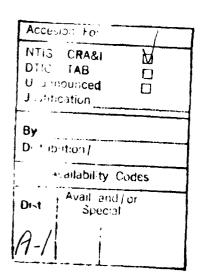


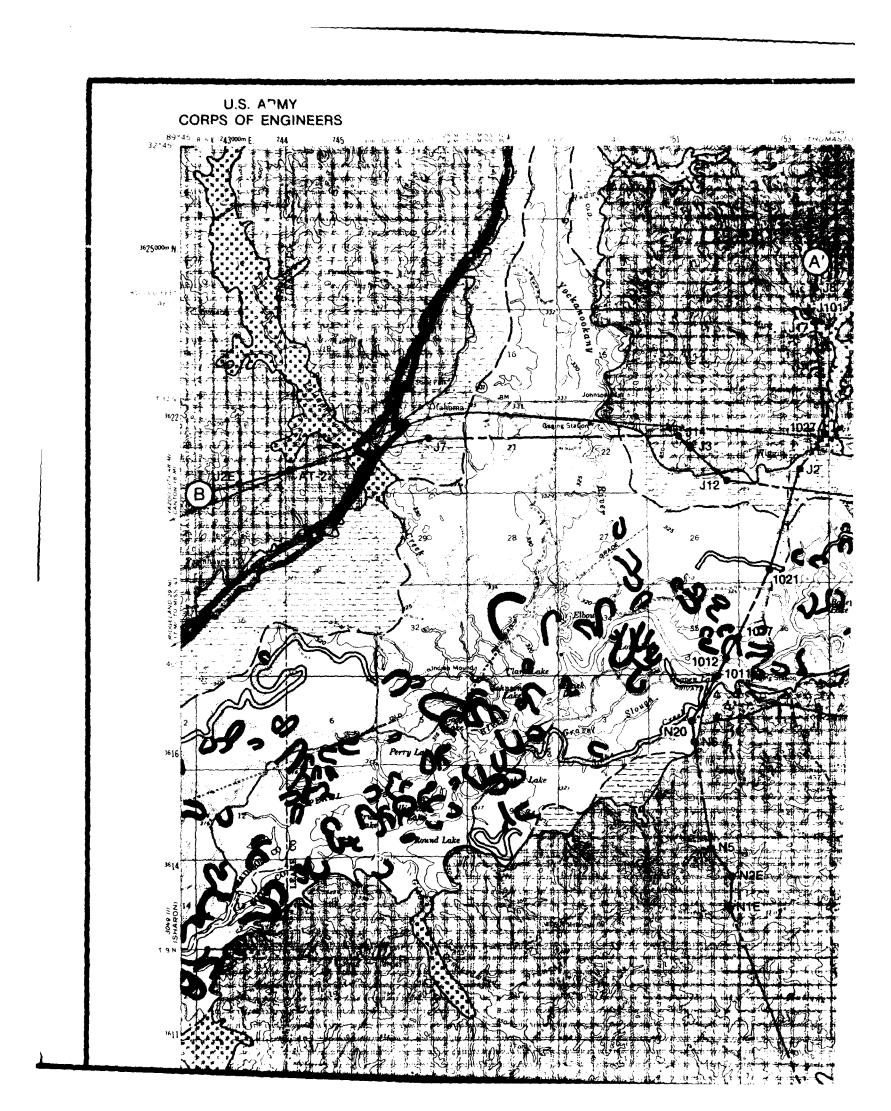


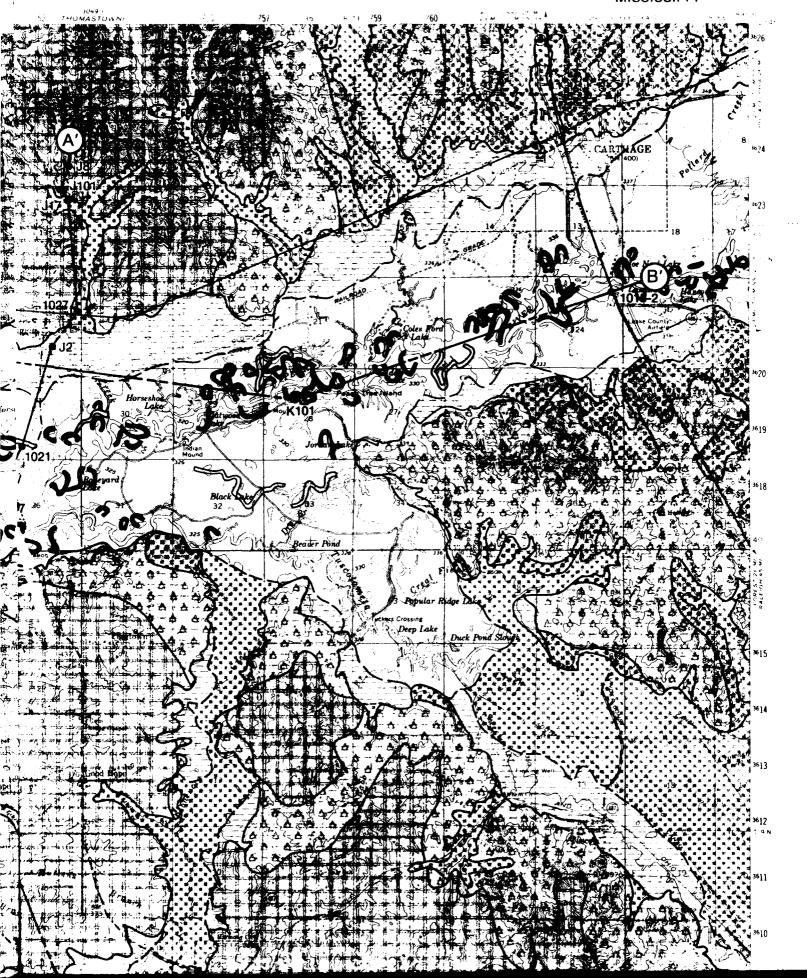
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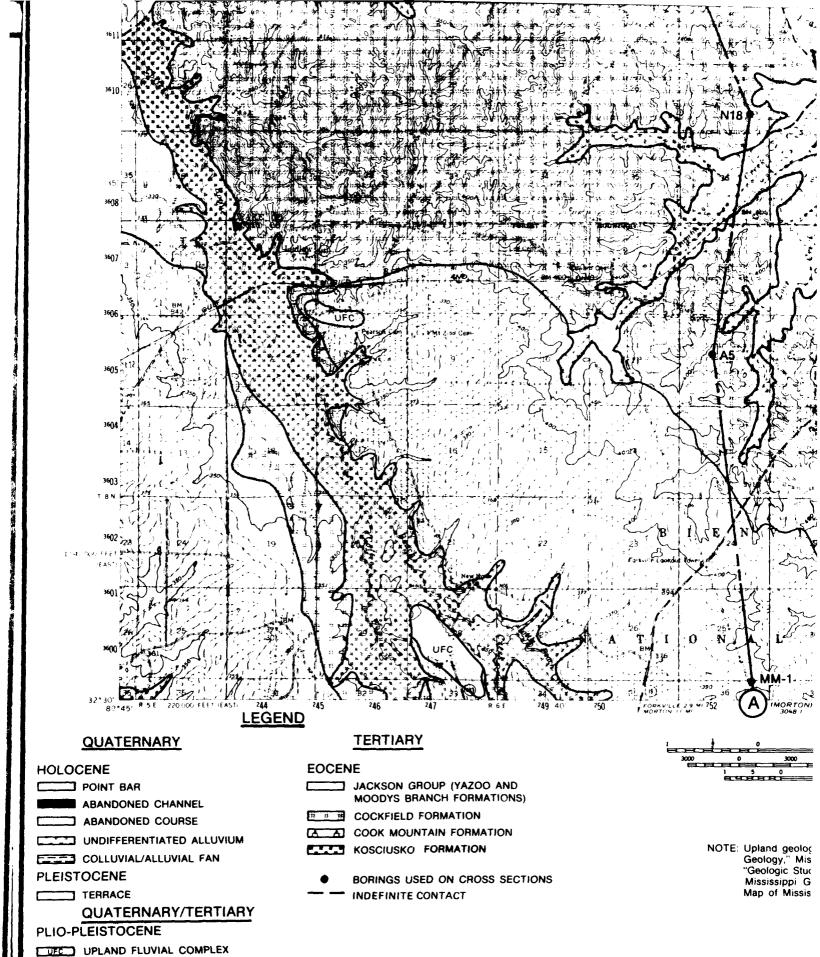


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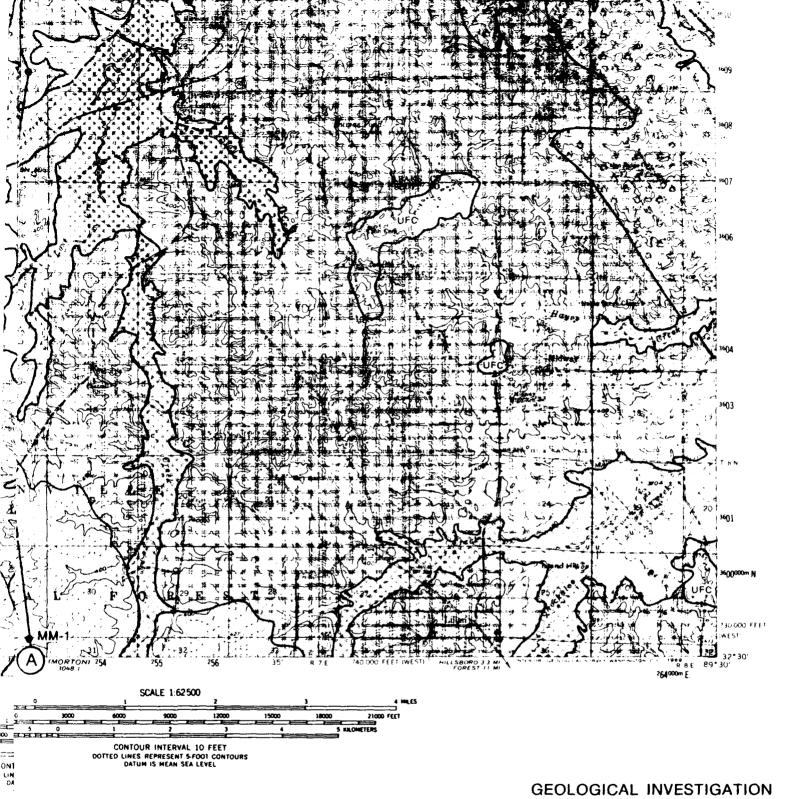






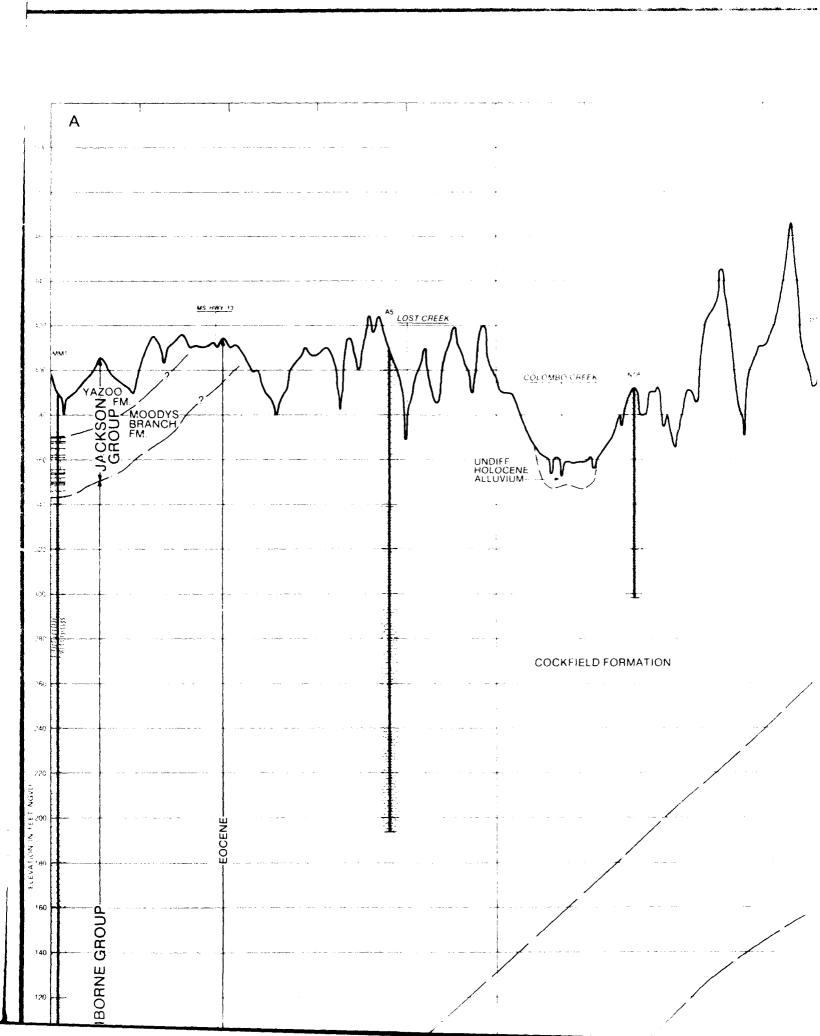


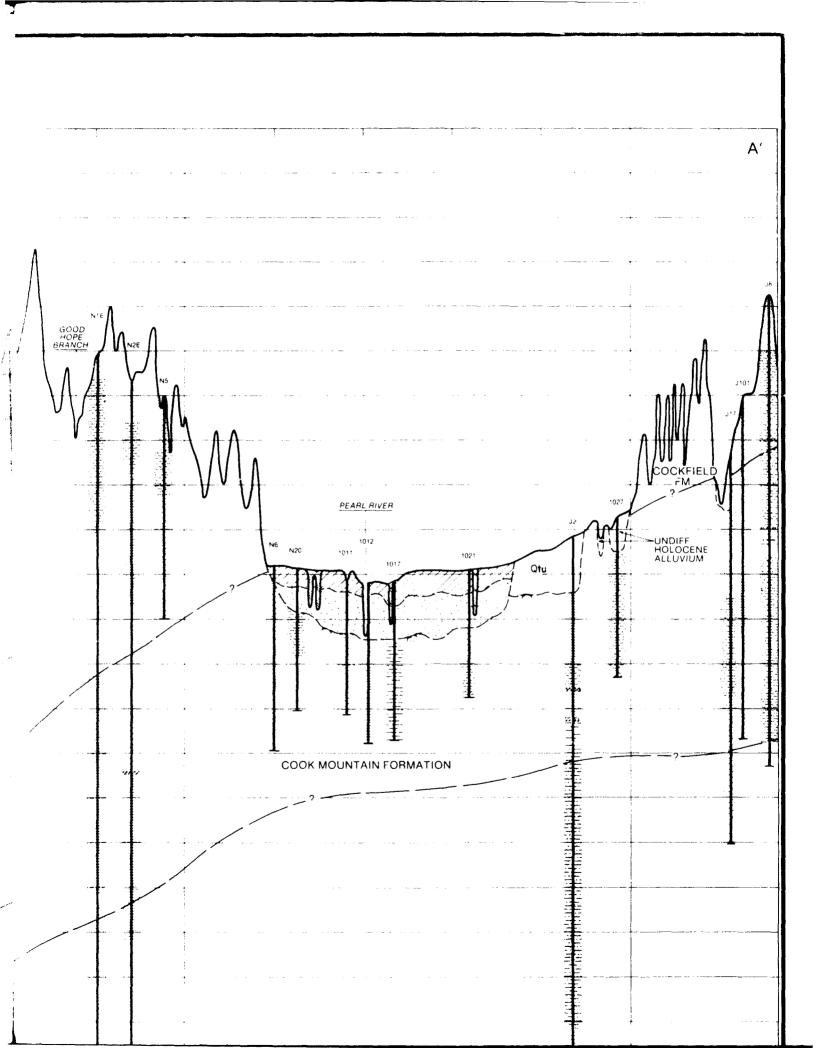
CARTHAGE (a)

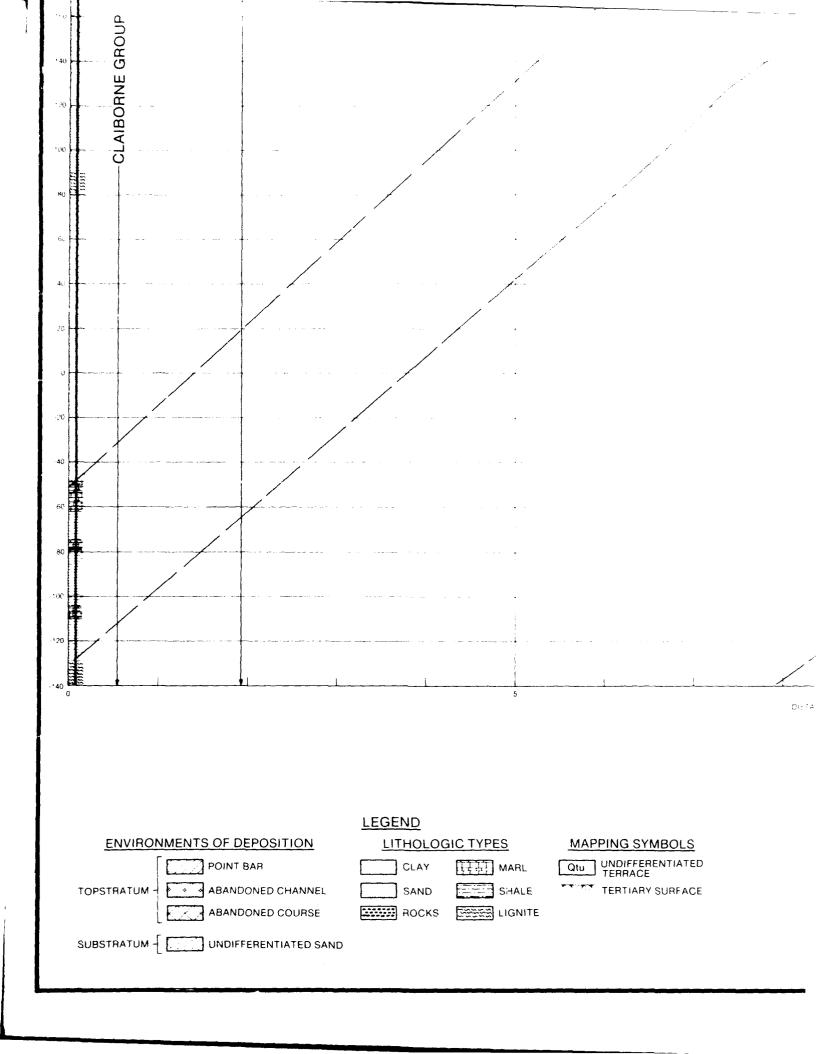


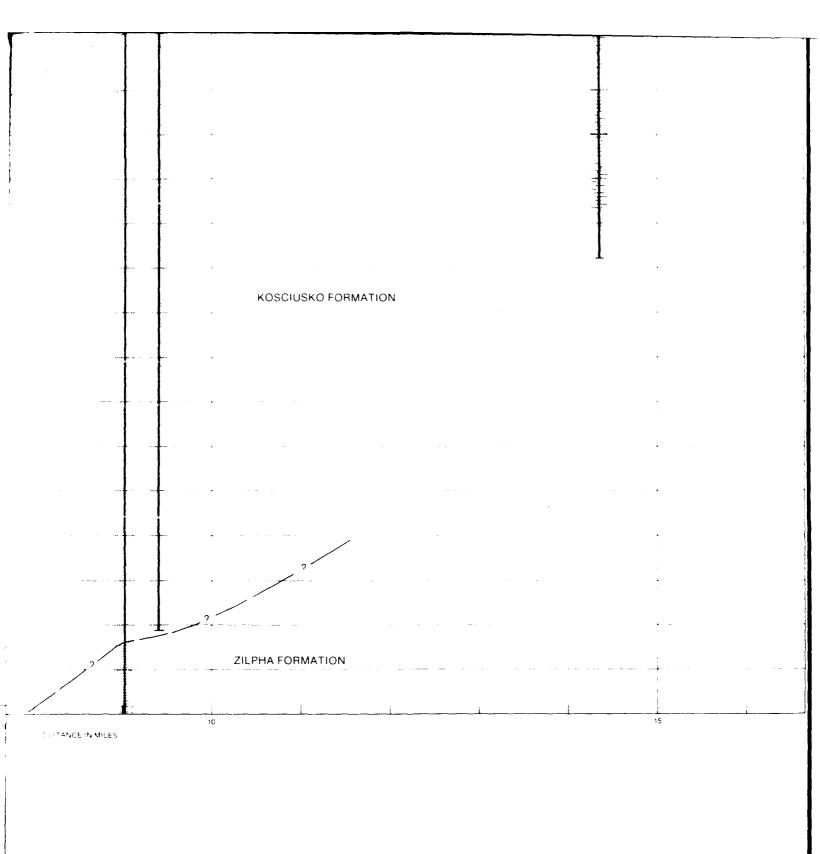
Upland geologic contacts based on work by Priddy (1960), "Madison County Geologic Study Along Highway 16 from Alabama Line to Canton, Mississippi Geologic Survey Bulletin No. 88; Brown (1960), Geologic Study Along Highway 16 from Alabama Line to Canton, Mississippi, Mississippi Geologic Survey Bulletin No. 89; and Moore (1969), "Geologic Map of Mississippi," Mississippi Geologic Survey. PEARL RIVER BASIN

SURFACE GEOLOGY CARTHAGE, MS





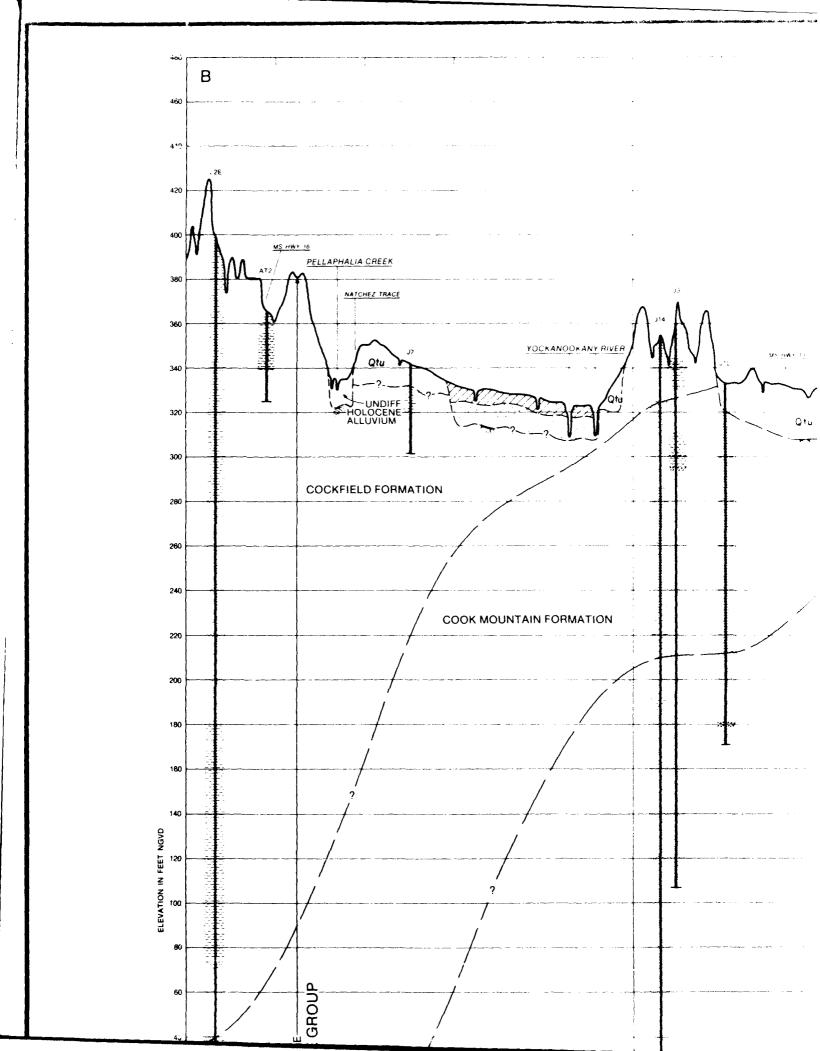




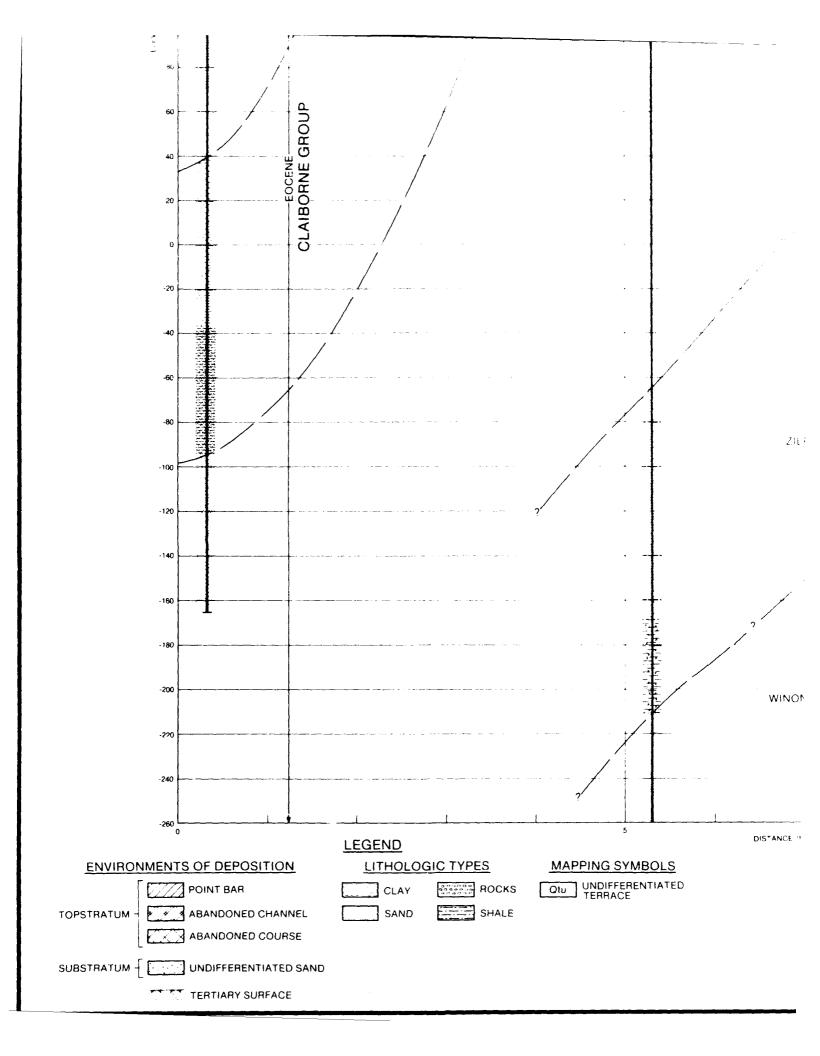
GEOLOGICAL INVESTIGATION PEARL RIVER BASIN

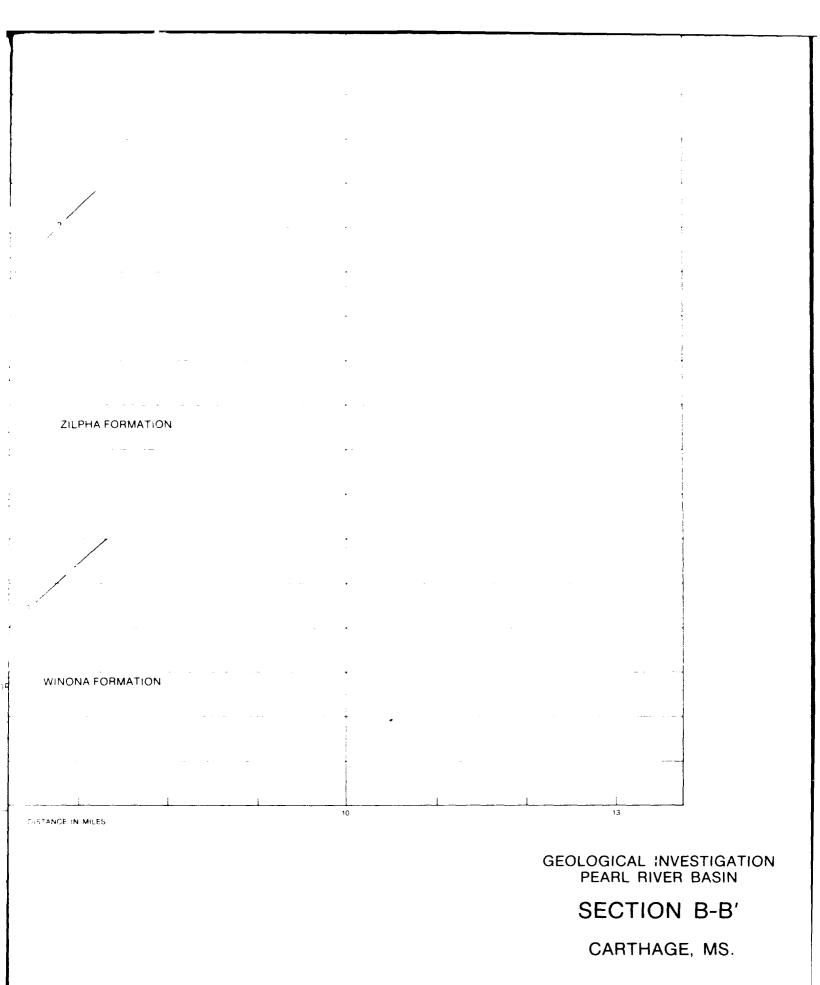
SECTION A-A'

CARTHAGE, MS.



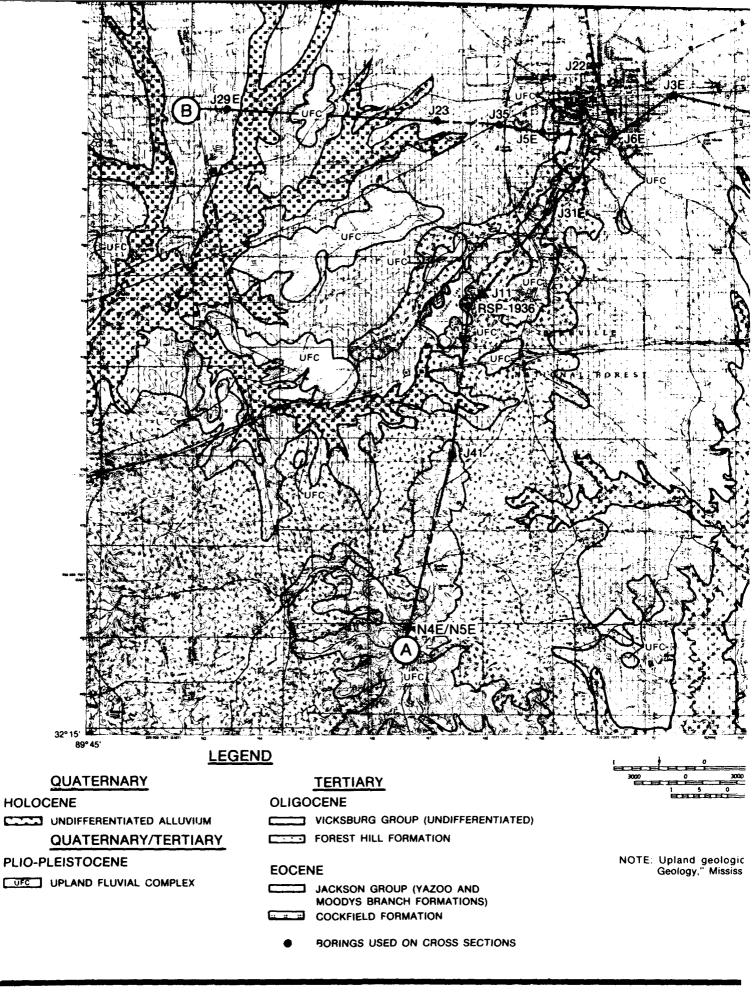
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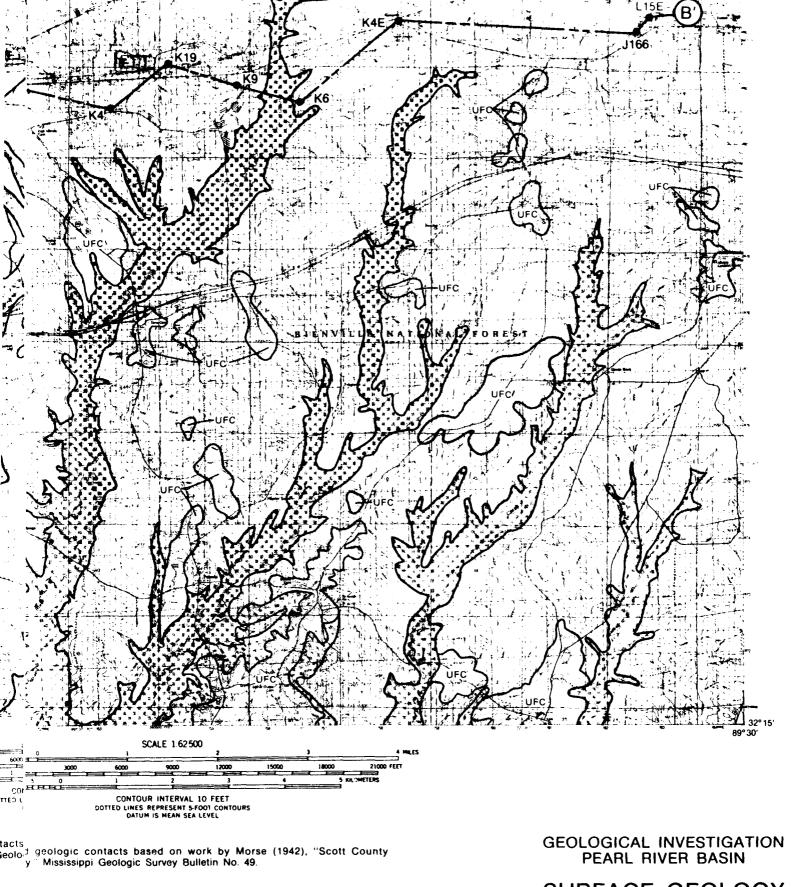




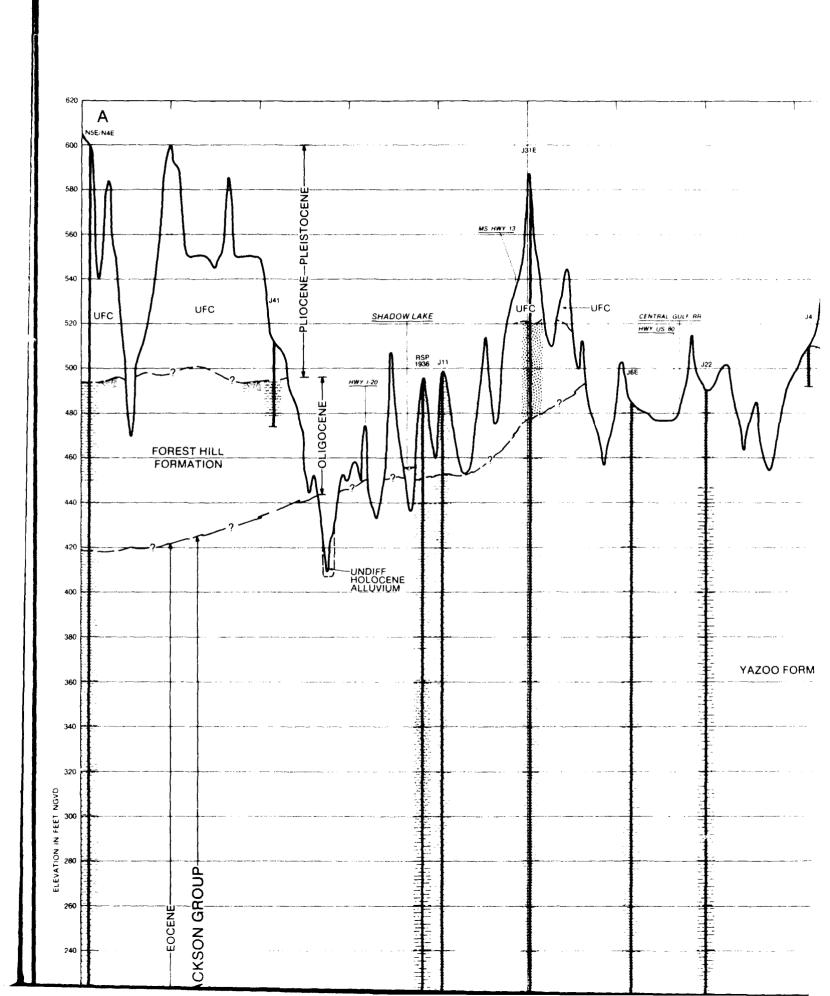
U.S. ARMY CORPS OF ENGINEERS

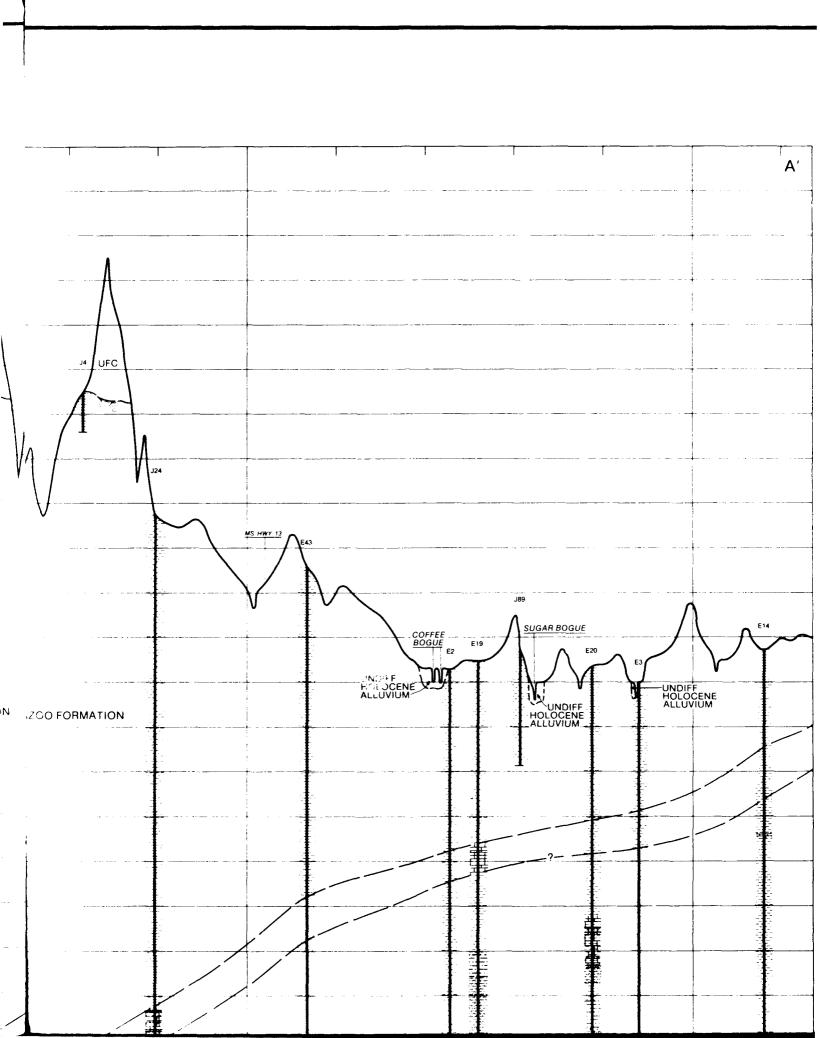
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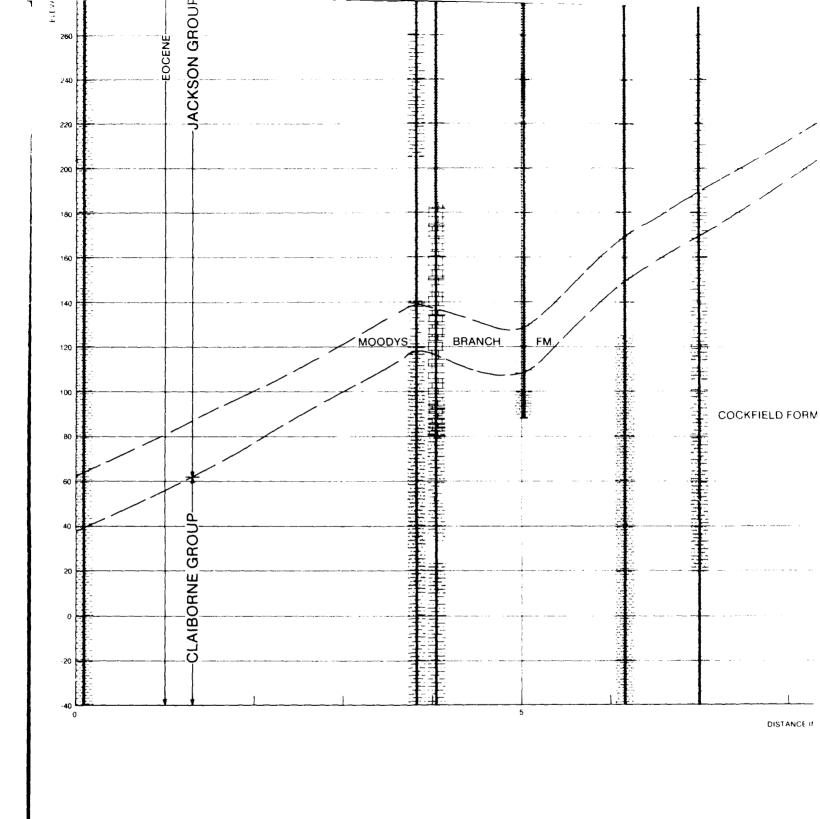




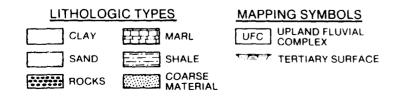
SURFACE GEOLOGY MORTON, MS

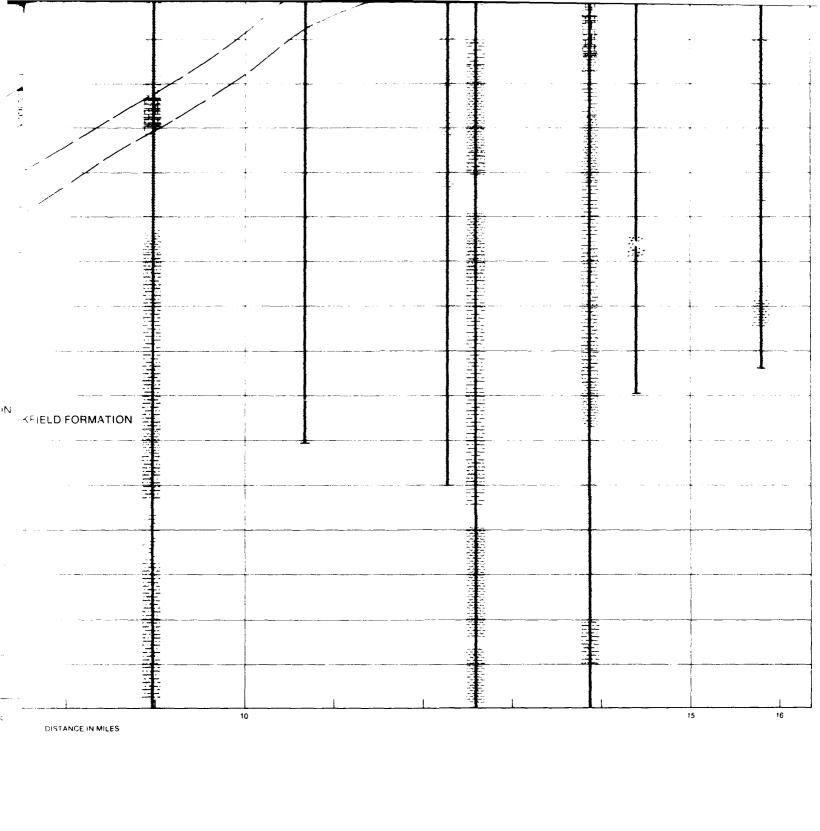






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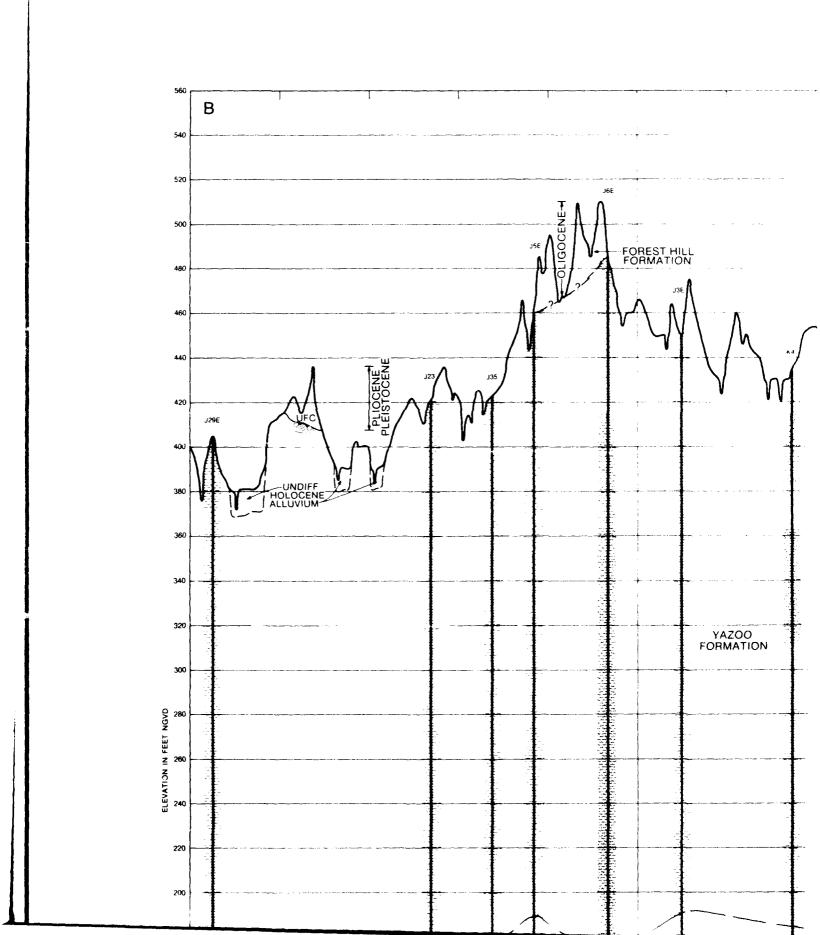


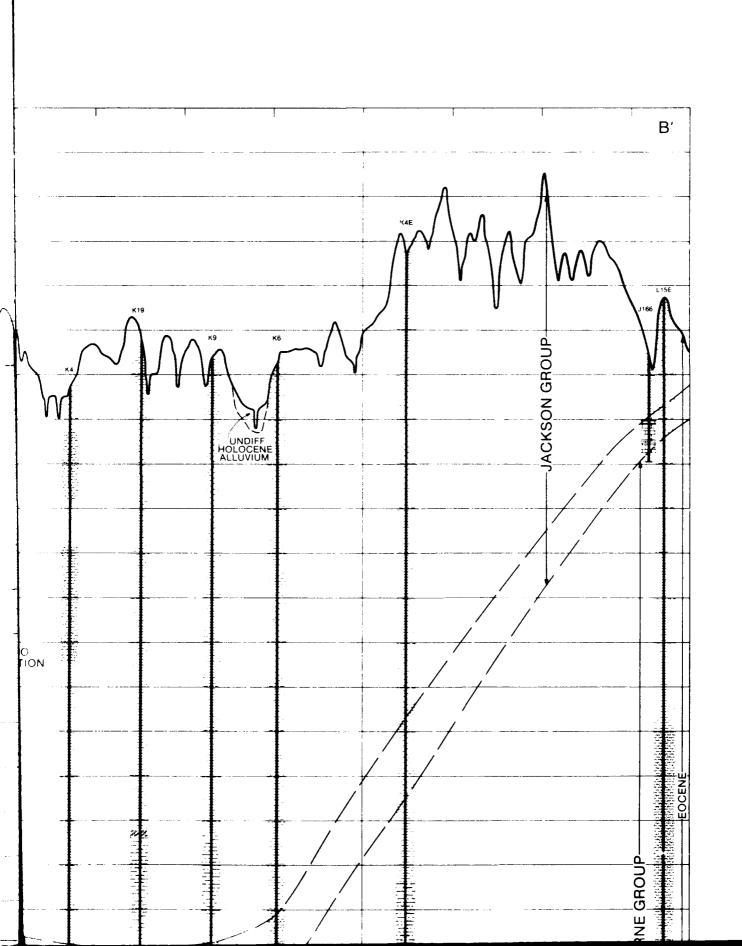


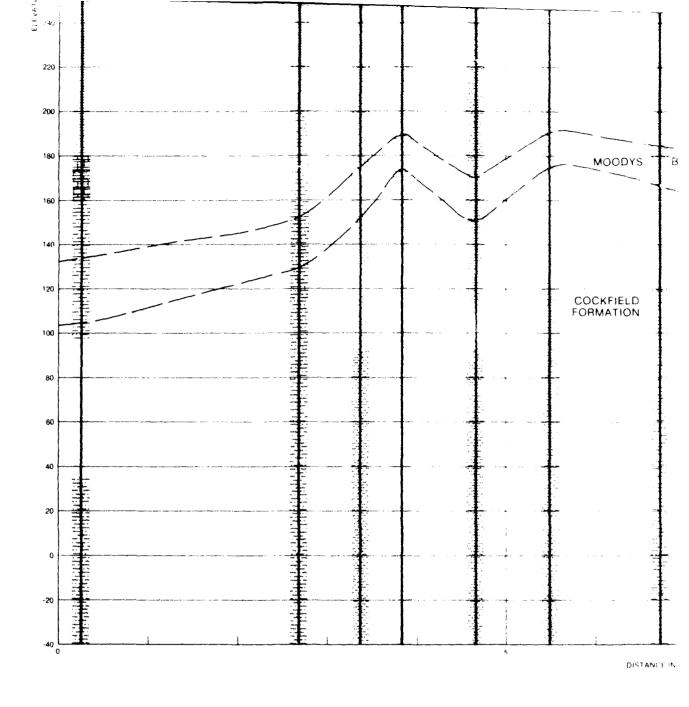
GEOLOGICAL INVESTIGATION PEARL RIVER BASIN

SECTION A-A'

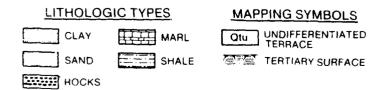
MORTON, MS.

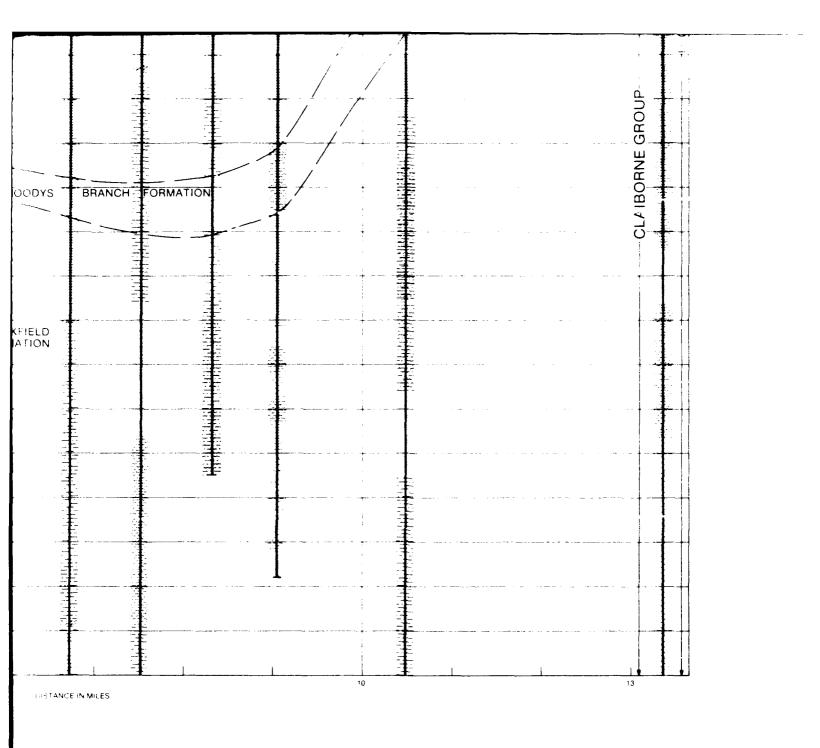






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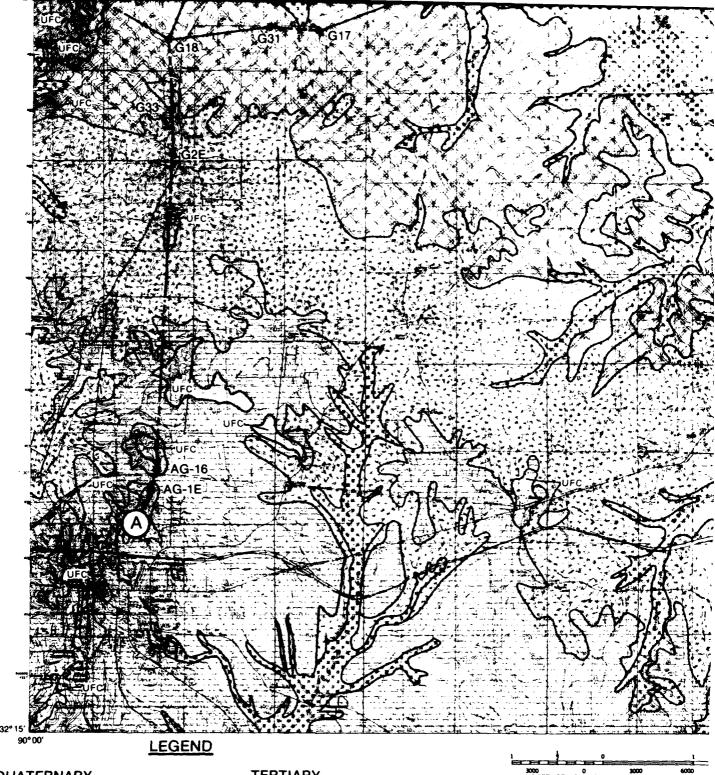


GEOLOGICAL INVESTIGATION PEARL RIVER BASIN

SECTION B-B' MORTON, MS.

U.S. ARMY CORPS OF ENGINEERS 90°00'

PELAHATCHIE QUADRANGLE MISSISSIPPI



QUATERNARY

HOLOCENE

UNDIFFERENTIATED ALLUVIUM

SHALLOW LACUSTRINE

QUATERNARY/TERTIARY

PLIO-PLEISTOCENE

UFC UPLAND FLUVIAL COMPLEX

TERTIARY

MIOCENE

CATAHOULA FORMATION

OLIGOCENE

VICKSBURG GROUP (UNDIFFERENTIATED)

FOREST HILL FORMATION

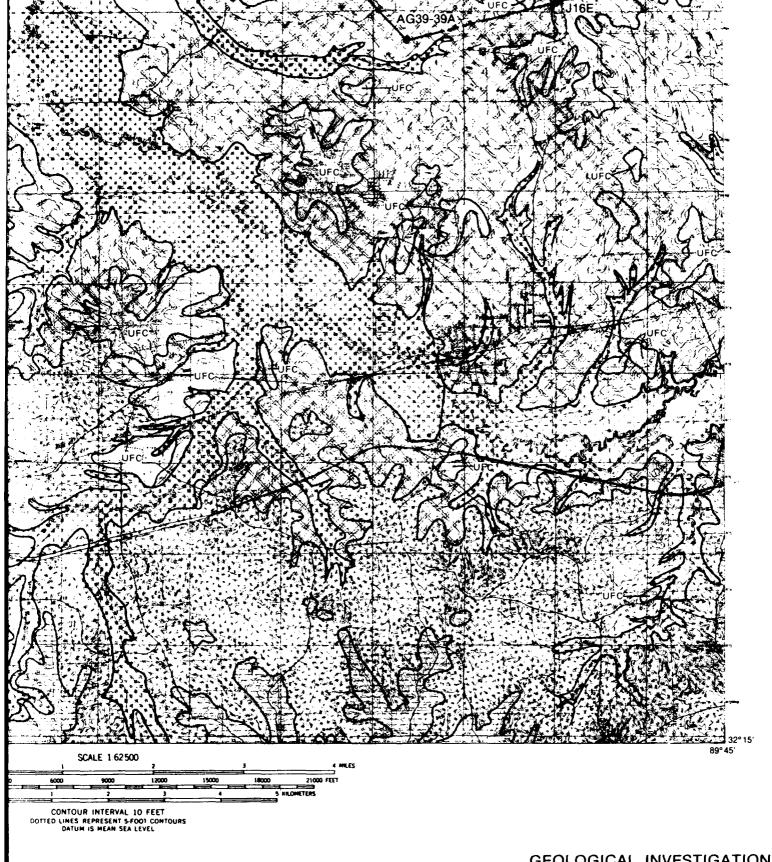
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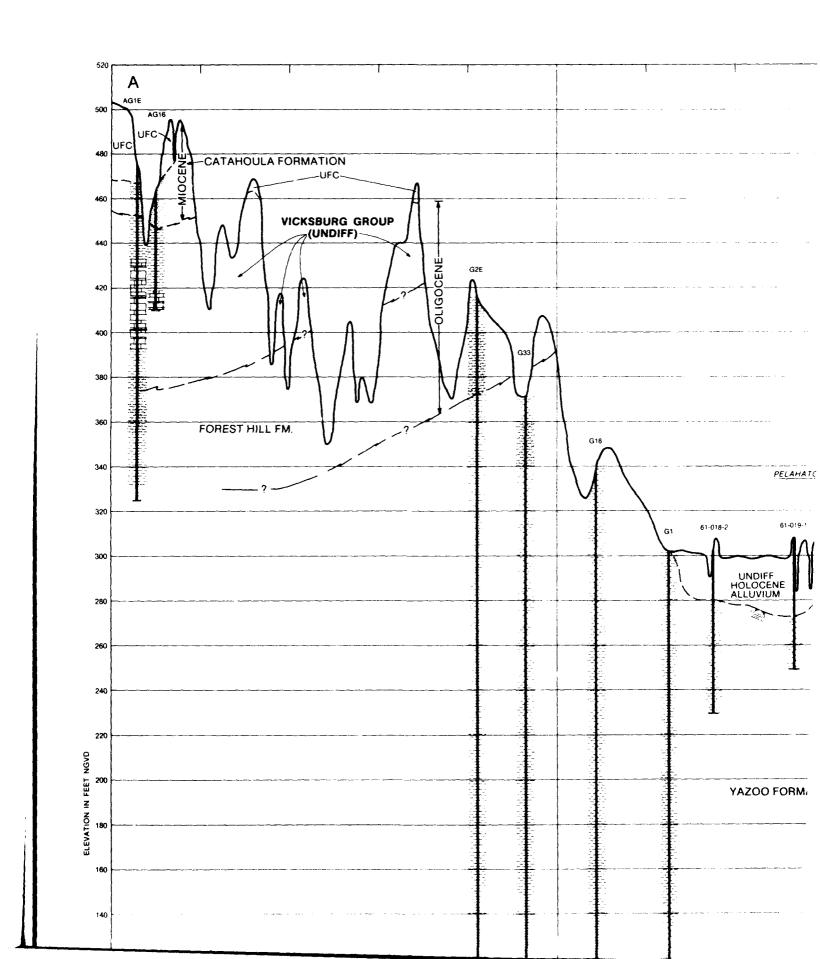
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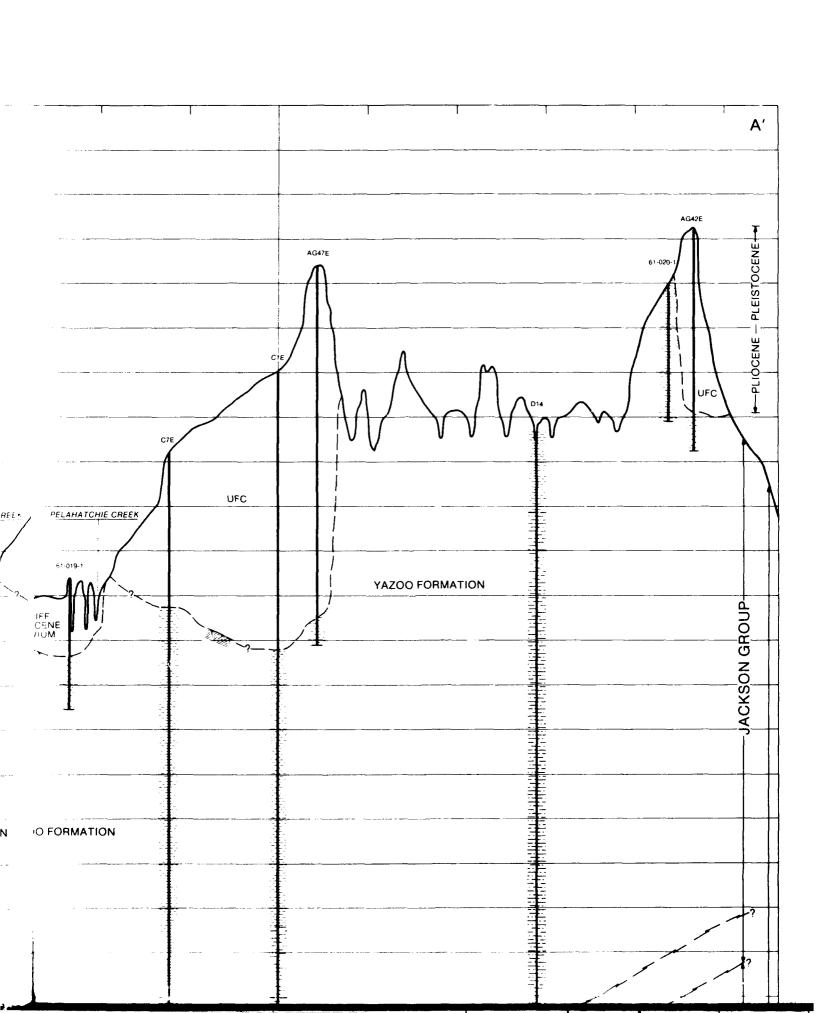
BORINGS USED ON CROSS SECTIONS

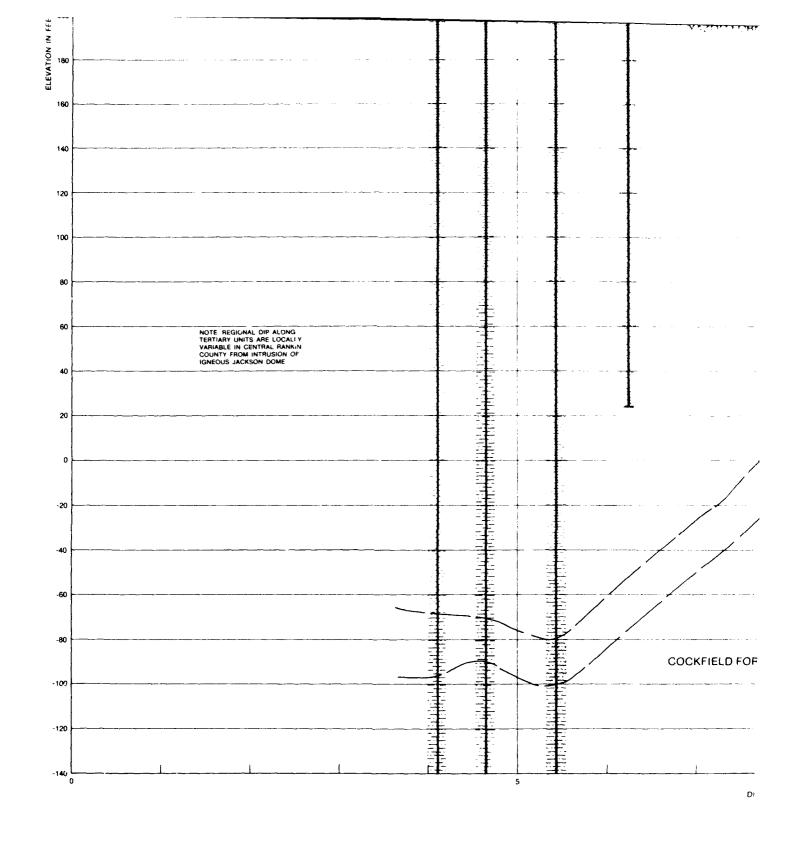


c contacts based on work by Baughman et al. (1971), "Rankin ic and Mineral Resources," Mississippi State Survey Bulletin No. e (1942), "Scott County Geology," Mississippi Geologic Survey GEOLOGICAL INVESTIGATION PEARL RIVER BASIN

SURFACE GEOLOGY PELAHATCHIE, MS

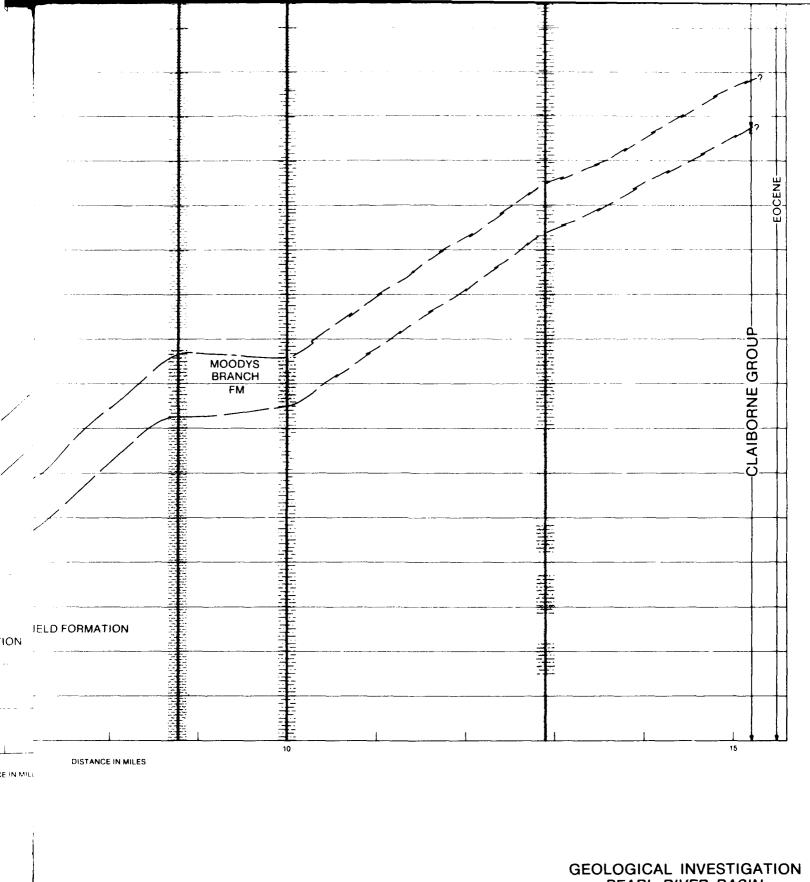






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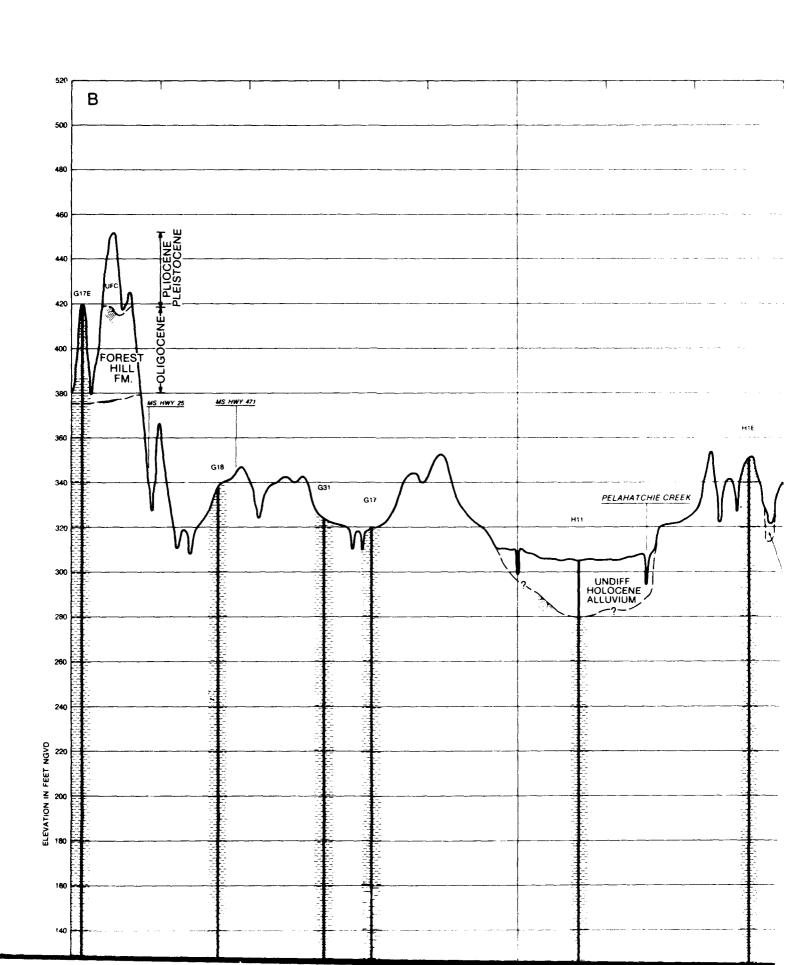
LITHOLOGIC TYPES CLAY MAPPING SYMBOLS UFC UPLAND FLUVIAL COMPLEX TERTIARY SURFACE

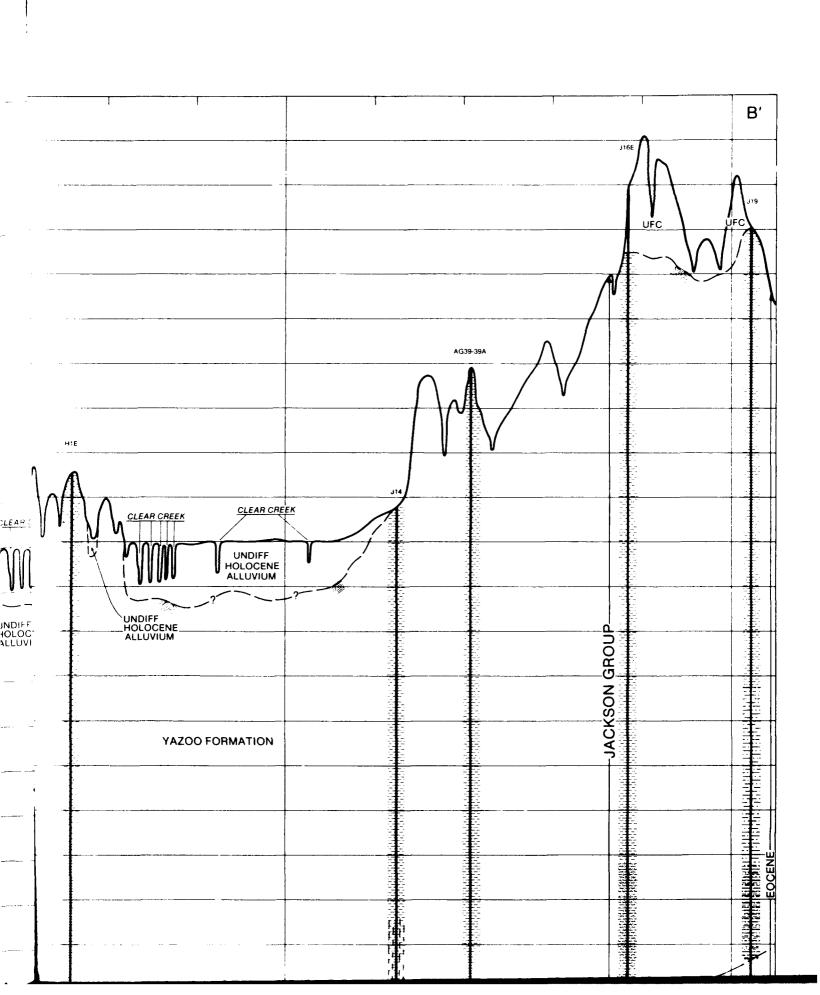


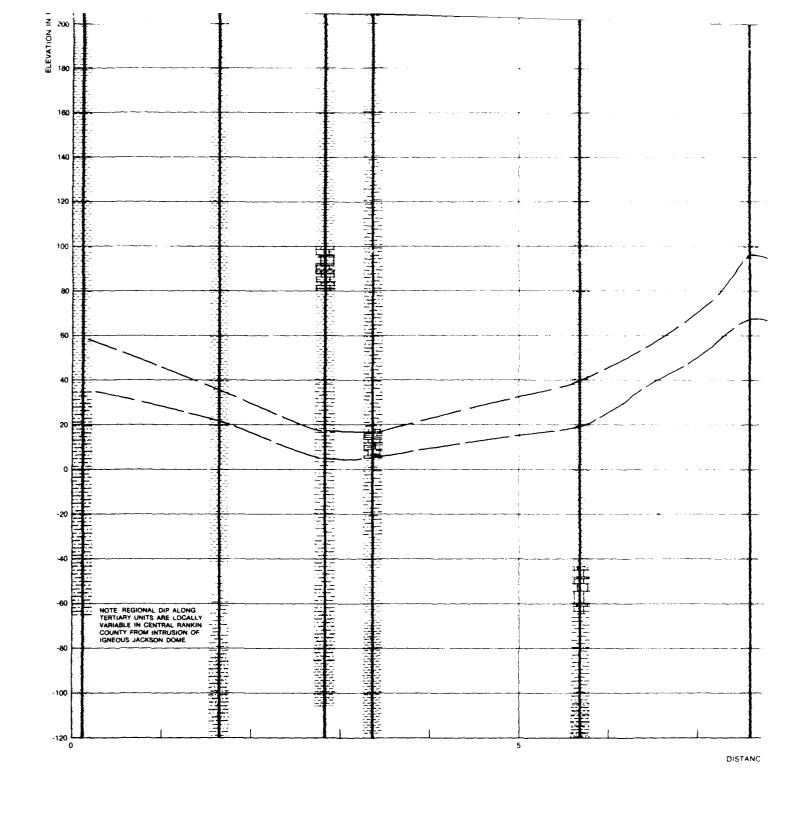
PEARL RIVER BASIN

SECTION A-A'

PELAHATCHIE, MS.

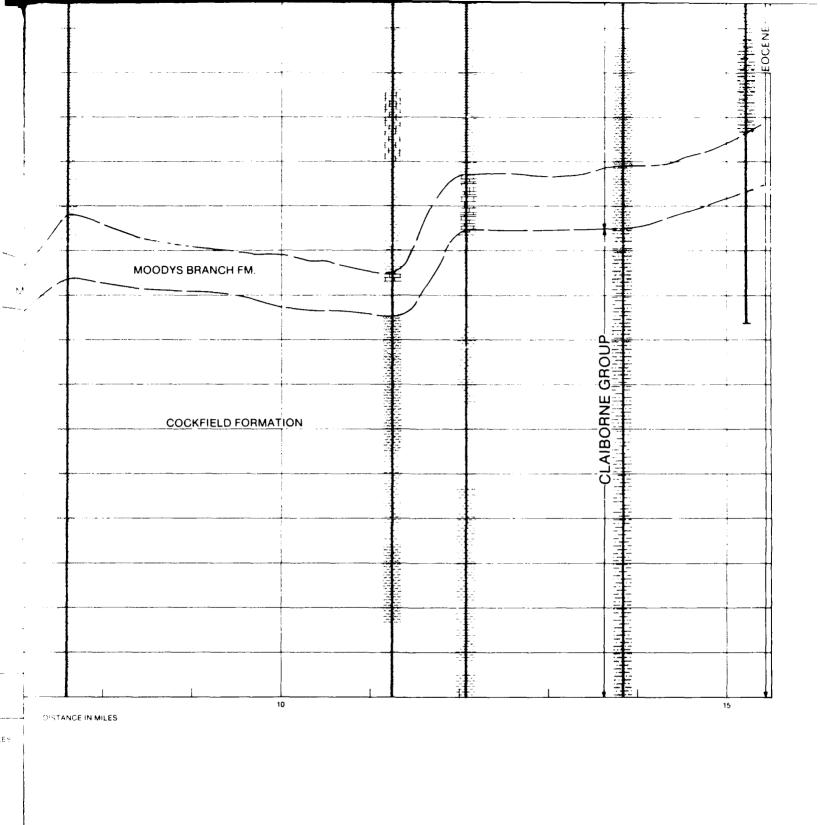






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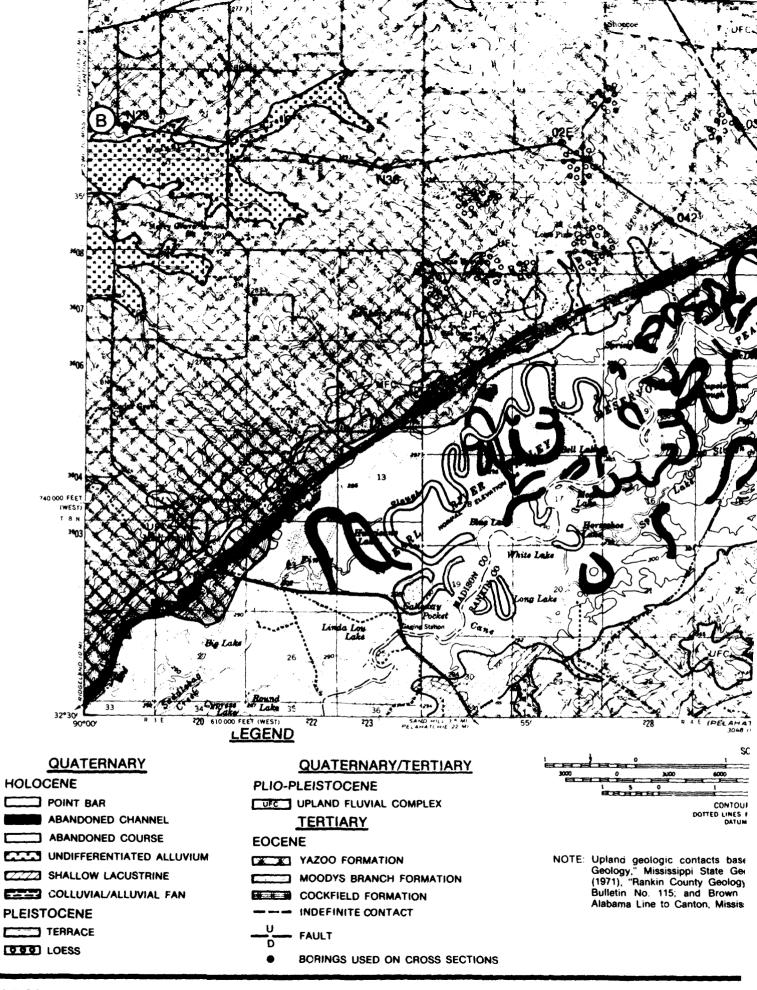


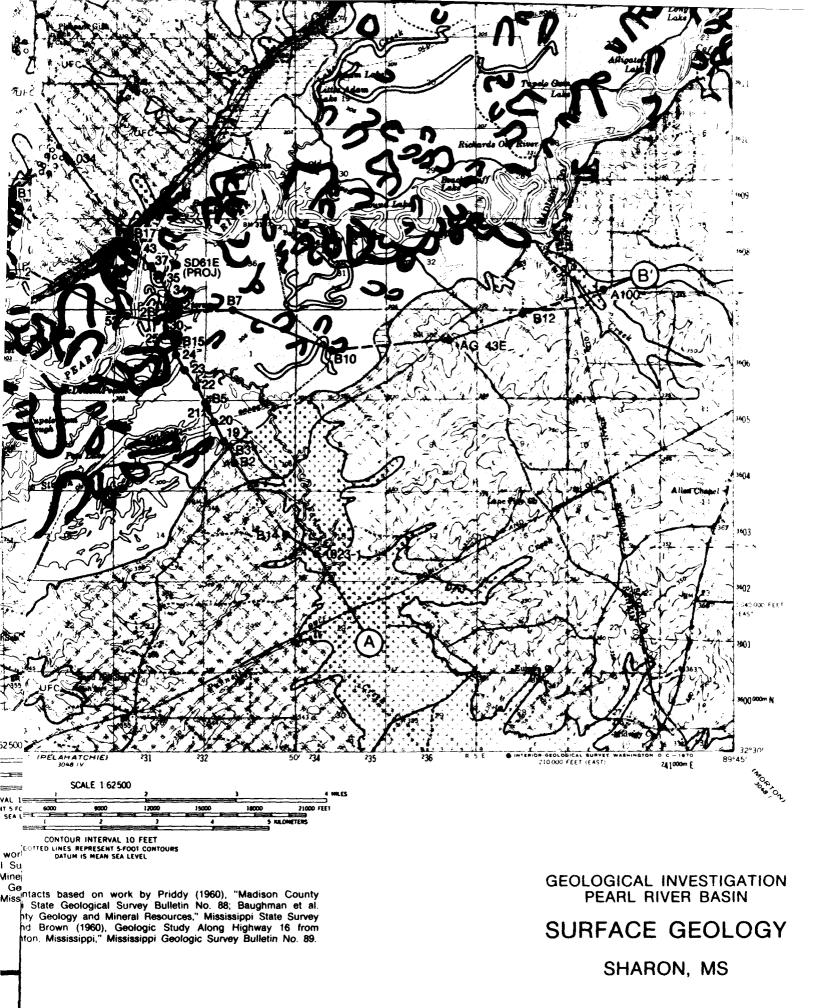
GEOLOGICAL INVESTIGATION PEARL RIVER BASIN

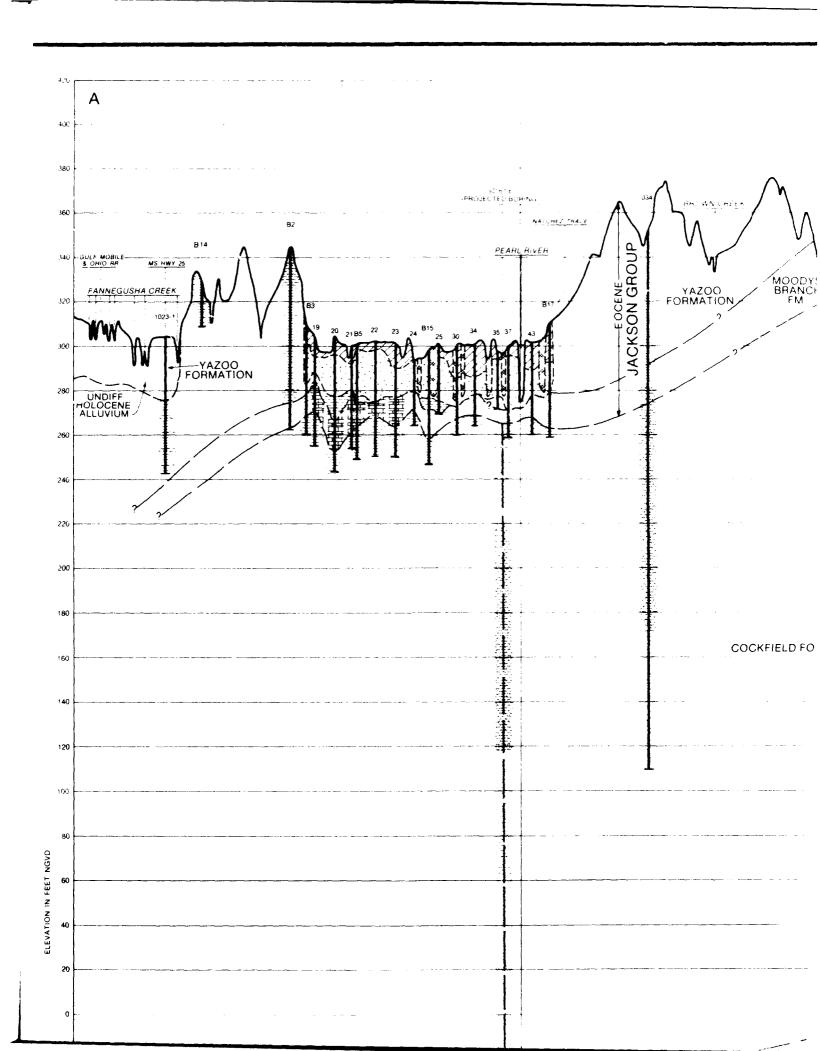
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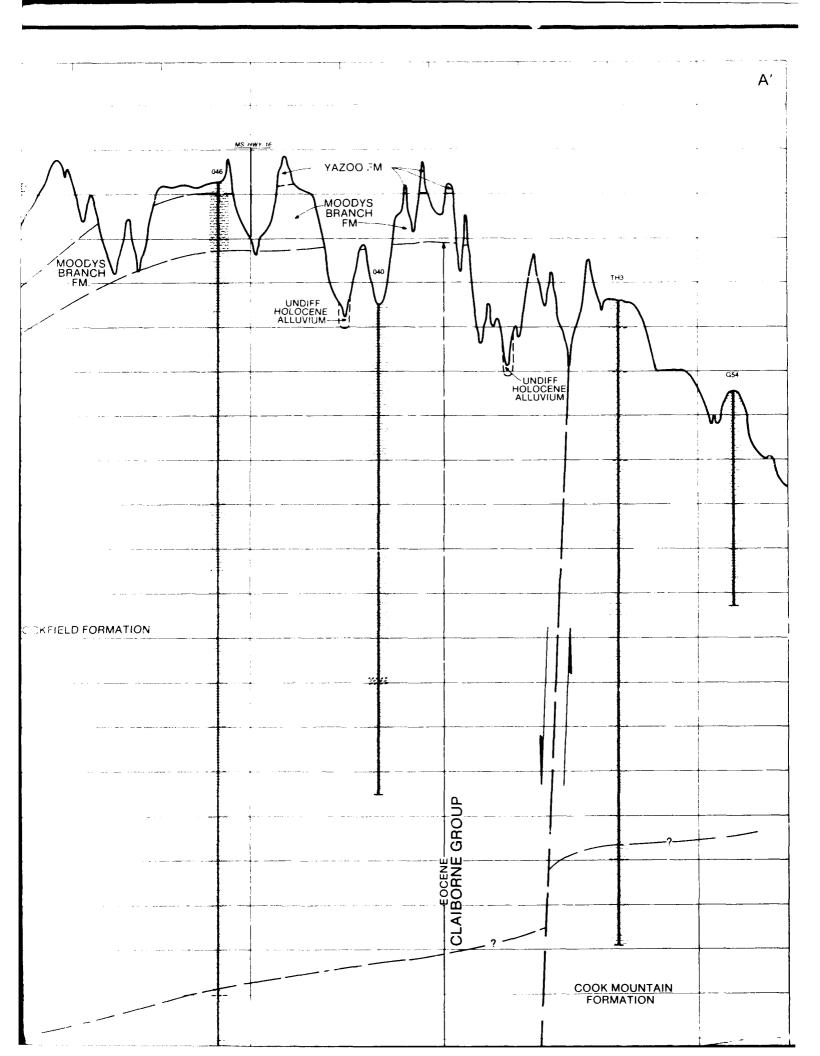
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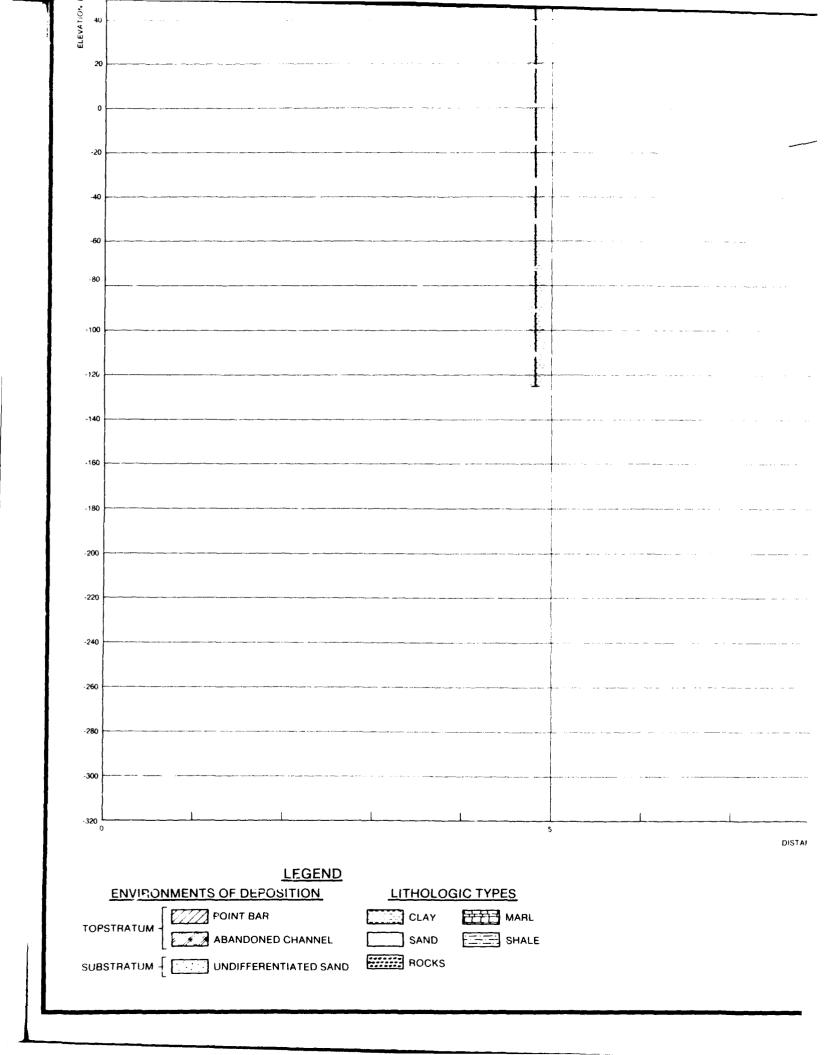
U.S. ARMY CORPS OF ENGINEERS 1 120 000 FEET

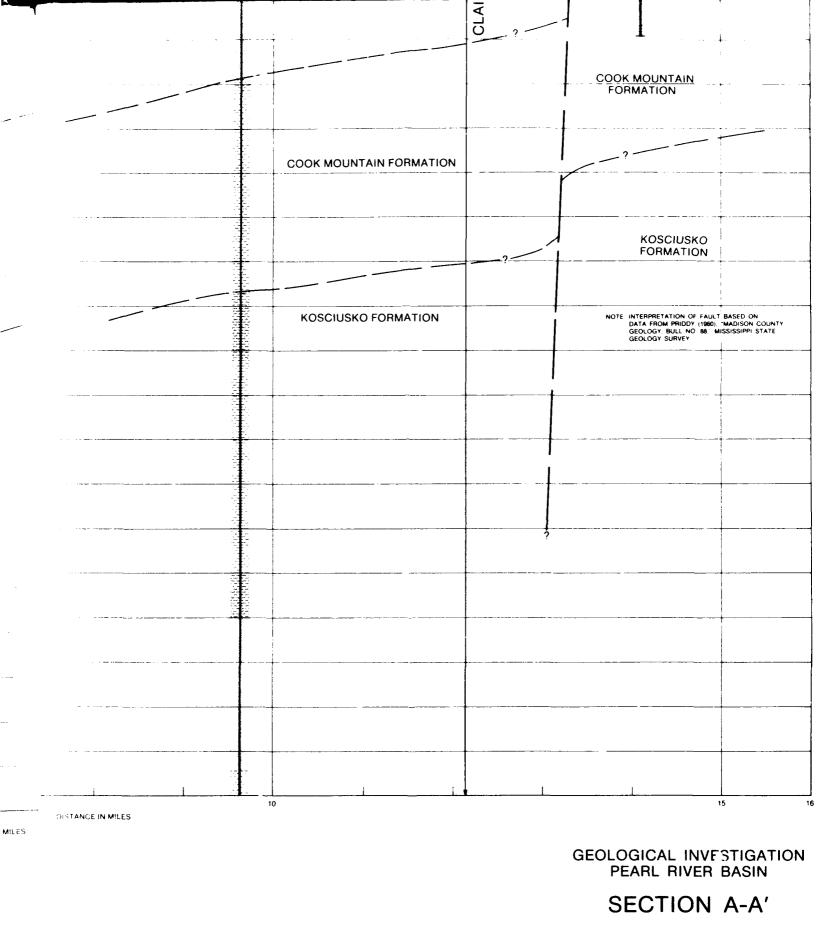




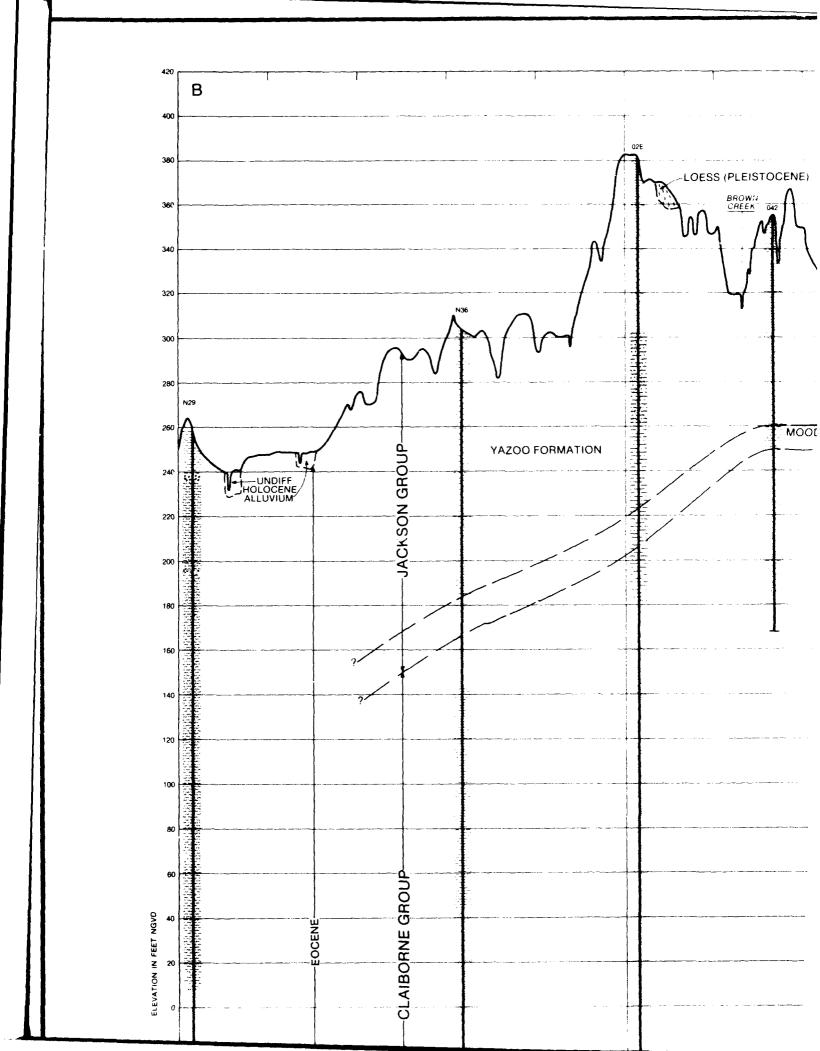


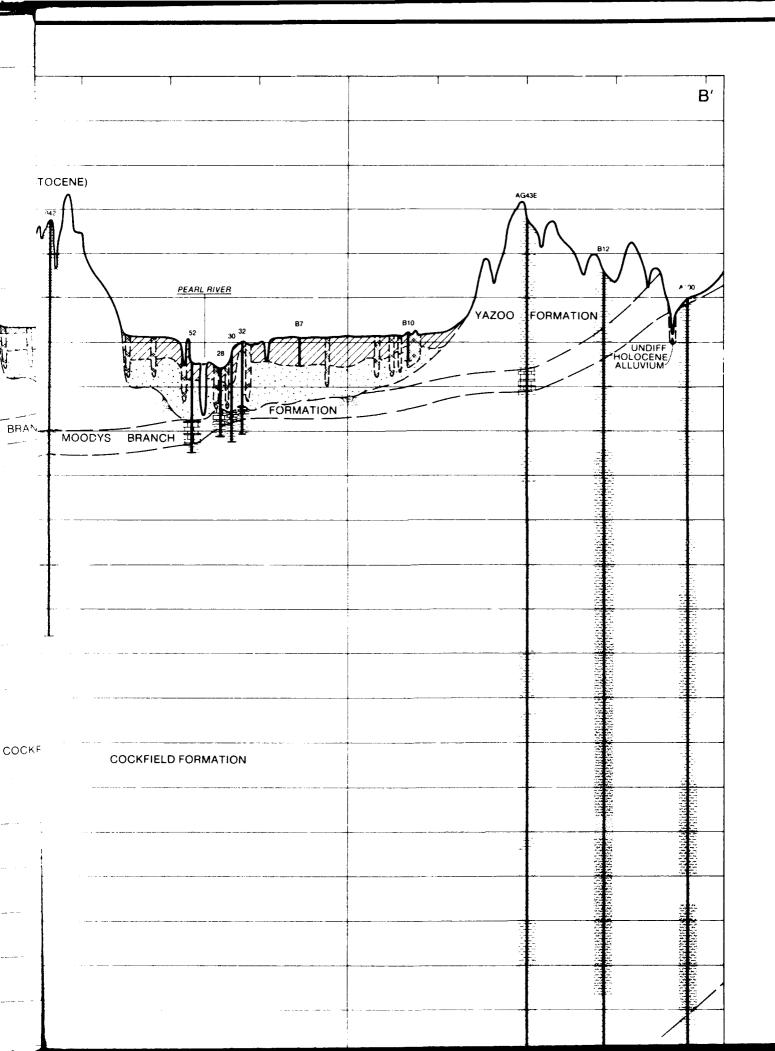


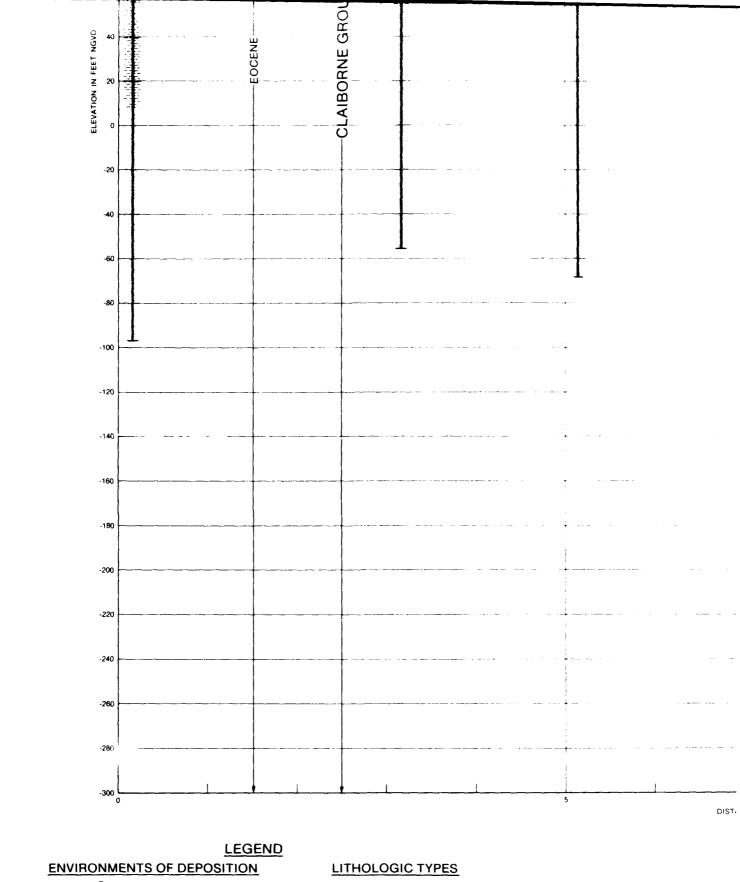


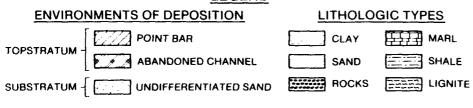


SHARON, MS.









TERTIARY SURFACE

